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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 20, 2004 *Ayesha J. Shaikh*
Date Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/644,610	Confirmation No. : 5996
Applicant : Tae H. Kim	
Filed : August 19, 2003	Attorney Docket No.: 501299.01
Art Unit : 2818	Customer No. : 27,076
Examiner : Hoai V. Ho	
Title : HYBRID OPEN AND FOLDED DIGIT LINE ARCHITECTURE	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

12/28/2004 ZJUHR1 00000046 10644610

01 FC:1806

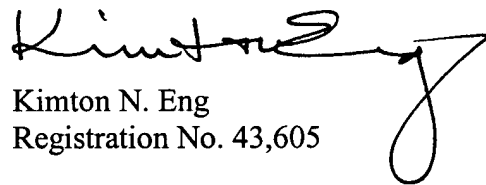
180.00 OP

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Kimton N. Eng
Registration No. 43,605

KNE:ajs

Enclosures:

Postcard
Check
Fee Transmittal Sheet (+ copy)
Copy of Supplemental Information Disclosure Statement
Form PTO-1449

1420 Fifth Avenue, Suite 3400
Seattle, WA 98101
Telephone (206) 903-8800
Facsimile (206) 903-8820

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501299.01APPLICATION NO.
10/644,610**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANT(S)
Tae H. KimFILING DATE
August 19, 2003GROUP ART UNIT
2818**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,864,181	01/26/99	Keeth	257	776	
	AB	6,043,562	03/28/00	Keeth	257	776	
	AC	2003/0095795 A1	05/22/03	Birdsell et al.	392	365	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Complete if Known

Application No.	10/644,610
Filing Date	August 19, 2003
First Inventor	Tae H. Kim
Group Art Unit	2818
Examiner Name	Hoai V. Ho
Atty. Docket Number	501299.01

☐ Applicant claims small entity status (see 37 C.F.R. 1.27)

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

☒ Check Enclosed.

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	\$
130	65	Surcharge – Late nonprovisional filing fee or oath	\$
180	180	Submission of IDS	\$180
40	40	Recording each patent assignment per property (times number of properties)	\$
120	60	Extension for reply within first month	\$
450	225	Extension for reply within second month	\$
1,020	510	Extension for reply within third month	\$
1,590	795	Extension for reply within fourth month	\$
2,160	1,080	Extension for reply within fifth month	\$
790	395	Submission After Final 1.129	\$
500	250	Notice of Appeal	\$
500	250	Filing a brief in support of an appeal	\$
1,000	500	Request for oral hearing	\$
130	65	Terminal Disclaimer Fee	\$
800	400	Design Issue Fee	\$
790	395	Request for Continued Examination (RCE)	\$
130		Request for voluntary publication or republication	\$
500	250	Petition to Revive – unavoidable	\$
1,500	750	Petition to Revive – unintentional	\$
200		Filing for patent term adjustment	\$
400		Request for reinstatement of term reduced	\$
1,120		Extension of term of patent	\$
OTHER FEE (specify)			\$

Current Claims	Prior	Extra	Fee	Fee Paid
Total _____	- 20	= _____	x \$ _____	= \$ _____
Ind. _____	- 3	= _____	x \$ _____	= \$ _____
Multiple Dependent Claims _____		= _____	x \$ _____	= \$ _____
Subtotal (Extra Claims)				\$0

Subtotal (Additional Fees)	\$180
Total Amount of Payment:	\$180

☐ Petition Fee under 37 CFR 1.17(f) **Fee \$400**

§ 1.53(e) to accord a filing date.
 § 1.57(a) to accord a filing date.
 § 1.182 for decision on a question not provided for.
 § 1.183 to suspend the rules.
 § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.
 § 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.

<input type="checkbox"/> Petition Fee under 37 CFR 1.17(g)	Fee \$200
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§ 1.12 for access to an assignment record.
 § 1.14 for access to an application.
 § 1.47 for filing by other than all inventors or person not the inventor.
 § 1.59 for expungement of information.
 § 1.103(a) to suspend action in an application.
 § 1.136(b) for review of a request for ext. of time when §1.136(a) not avail.
 § 1.295 for review of refusal to publish a statutory invention registration.
 § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.
 § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.
 § 1.550(c) for request for ext. of time in ex parte reexam. proceedings.
 § 1.956 for request for ext. of time in ex parte reexam. proceedings.
 § 1.12 for expedited handling of foreign filing license.
 § 1.15 for changing the scope of a license.
 § 1.5.25 for retroactive license.

<input type="checkbox"/> Petition Fee under 37 CFR 1.17(h)	Fee \$130
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§ 1.19(g) to request documents in a form other than provided in this part.
 § 1.84 for accepting color drawings or photographs.
 § 1.91 for entry of a model or exhibit.
 § 1.102(d) to make an application special.
 § 1.138(c) to expressly abandon an application to avoid publication.
 § 1.133 to withdraw an application from issue.
 § 1.314 to defer issuance of a patent.

OTHER FEE
(specify)

Submitted by:

CUSTOMER NUMBER
26.067

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Name: Kimton N. Eng

Req. No.: 43,605

Signature:

Date: